

A1 *Conducting* *Layer* *B1*
ferrite
A1 conduct B1

a conductive pattern formed on the bottom surface of the ferrite; and connecting electrodes directly formed on margins of the ferrite; wherein the connecting electrodes electrically connect the center-electrode patterns and the conductive pattern.

Please add the following new claims 6-10:

sub P2

A2

- 6. A center-electrode assembly according to claim 1, wherein the connecting electrodes are formed on grooves formed in the margins of the ferrite.
- 7. A center-electrode assembly according to claim 1, further comprising: ports directly formed on the margins of the ferrite; wherein the ports are electrically connected with the connecting electrodes via the center-electrode patterns.
- 8. A center-electrode assembly according to claim 7, further comprising: gaps formed on the bottom surface of the ferrite; wherein the gaps are provided between ends of the ports and an end of the conductive pattern.
- 9. A center-electrode assembly according to claim 1, further comprising: ports directly formed on the upper surface of the ferrite; wherein the ports are electrically connected with the connecting electrodes via the center-electrode patterns.
- 10. A center-electrode assembly comprising:
 - a ferrite;
 - center-electrode patterns and insulating films laminated on the top surface of the ferrite;

Serial No. 09/931,685

November 21, 2002

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A2
Concave
Concave
B2

a conductive pattern formed on the bottom surface of the ferrite, and
connecting electrodes formed in external peripheral portions of the ferrite;

wherein

the connecting electrodes electrically connect the center-electrode patterns and
the conductive pattern.